



Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

ATTY DOCKET NO.
0152-0586PAPPLICATION NO.
10/024,174APPLICANT
Shuichi KUDOU et al.FILING DATE
December 21, 2001GROUP
~~1772~~ 1712

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | Kind | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
|---------------------|-----------------|------|------------|-----------------|-------|--------------|-------------------------------|
| | US 5,244,973 | A | 1993-09-14 | Sakazume et al. | 525 | 66 | |
| | US 6,221,946 | B1 | 2001-04-24 | Niino et al. | 524 | | |
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FOREIGN PATENT DOCUMENTS

| | Office | DOCUMENT NUMBER | Kind | DATE | COUNTRY | CLASS | SUB CLASS | TRANSLATION | |
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OTHER DOCUMENTS

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)

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EXAMINER

ROBERT SELLERS

DATE CONSIDERED

8/12/02

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.S.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

rcs/rg/RK